

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|---|------|-----|-------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------|
| 1 | BRS | L1 | 58354 | (light adj emi\$4) and (copper saem substrate) | US- PGPUB; USPAT; EPO; JPO; DERWEN T; IBM_TD B | 2005/08/21 13:56 |
| 2 | BRS | L2 | 2592 | (light adj emi\$4) and (copper same substrate) | US- PGPUB; USPAT; EPO; JPO; DERWEN T; IBM_TD B | 2005/08/21 13:56 |
| 3 | BRS | L3 | 75 | (light adj emi\$4 adj device) and (copper same substrate) | US- PGPUB; USPAT; EPO; JPO; DERWEN T; IBM_TD B | 2005/08/21 14:21 |
| 4 | BRS | L4 | 152 | (light adj emi\$4 adj device) and (copper same (Al2O3 or AlN or Al or aluminum or SiN)) | US- PGPUB; USPAT; EPO; JPO; DERWEN T; IBM_TD B | 2005/08/21 15:08 |

| | Comments | Error Definition | Errors |
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| 5 | BRS | L5 | 18 | (light adj emi\$4 adj device) and (copper same (Al2O3 or AlN or Al or aluminum or SiN) same heat) | US- PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TD B | 2005/08/21 14:24 |
| 6 | BRS | L6 | 508 | 257/99, 98, 95, 79, 81.ccls. and (copper) and (aluminum or (aluminum adj oxide) or (Aluminum adj nitride) or (silicon adj nitride)) | US- PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TD B | 2005/08/21 15:13 |
| 7 | BRS | L7 | 279 | 257/99, 98, 95, 79, 81.ccls. and ((copper) with (aluminum or (aluminum adj oxide) or (Aluminum adj nitride) or (silicon adj nitride))) | US- PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TD B | 2005/08/21 15:13 |
| 8 | BRS | L8 | 43 | 257/99, 98, 95, 79, 81.ccls. and ((copper) with (aluminum or (aluminum adj oxide) or (Aluminum adj nitride) or (silicon adj nitride)) with (substrate)) | US- PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TD B | 2005/08/21 16:11 |

| | Comments | Error Definition | Errors |
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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|------------------------------------------------------------|------------------------------------------------------------------------|---------------------|
| 9 | BRS | L9 | 65 | "257"/\$.ccls. and ((copper) near (adhesion adj layer)) | US- PGPUB; USPAT; EPO; JPO; DERWEN T; IBM_TD B | 2005/08/21 16:39 |
| 10 | IS&R | L10 | 2 | ("20020175339").PN. | US- PGPUB; USPAT; EPO; JPO; DERWEN T; IBM_TD B | 2005/08/21 16:39 |

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| | Type | Hits | Search Text |
|----|------|------|------------------------------------------------------------------------------------------------------------------|
| 1 | BRS | 2398 | (LED) and (copper with substrate) |
| 2 | BRS | 129 | (LED) and (copper with substrate) and (second adj substrate) |
| 3 | IS&R | 1780 | (257/99).CCLS. |
| 4 | BRS | 11 | 257/99.ccls. and (copper) and (second adj substrate) |
| 5 | BRS | 12 | 257/79-103.ccls. and (copper with ceramic with substrate) |
| 6 | BRS | 11 | 257/79-103.ccls. and (LED with (second adj substrate)) |
| 7 | BRS | 5 | "257"/\$.ccls. and ((light adj emitting adj diode) with (second adj substrate) with (first adj substrate)) |
| 8 | BRS | 34 | ((light adj emitting adj diode) with (second adj substrate)) |
| 9 | BRS | 241 | 257/99.ccls. and (copper) |
| 10 | BRS | 32 | 257/79-103.ccls. and (copper) and (second adj substrate) |
| 11 | IS&R | 2 | ("4012833").PN. |
| 12 | IS&R | 2617 | (257/690-690,730-733).CCLS. |

| | DBs | Time Stamp | Comments | Error Definition |
|----|----------------------------------------------------------|------------------|----------|------------------|
| 1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2005/08/21 13:55 | | |
| 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/10 14:23 | | |
| 3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2004/08/10 14:38 | | |
| 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/11 09:53 | | |
| 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/10 17:16 | | |
| 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/10 17:45 | | |
| 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/10 17:52 | | |
| 8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/10 17:52 | | |
| 9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/11 09:54 | | |
| 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | 2004/08/11 10:47 | | |
| 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2004/08/11 10:48 | | |
| 12 | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2004/08/14 14:21 | | |

| | Errors | Ref # |
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| 1 | | S2 |
| 2 | | S3 |
| 3 | | S4 |
| 4 | | S5 |
| 5 | | S6 |
| 6 | | S7 |
| 7 | | S8 |
| 8 | | S9 |
| 9 | | S10 |
| 10 | | S11 |
| 11 | | S12 |
| 12 | | S1 |